



99-38

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CHEMICAL AGENT MONITOR (CAM) ISSUES

CAM VS. IMPROVED CAM (ICAM):

The ICAM (NSN: 6665-21-904-3229) from outward appearances remains the same as the CAM. However, internal improvements have been made to increase the reliability and performance of the instrument. Operationally the ICAM functions in the same way, but with quicker setup and clear-down. The USAF Item Manager (Mr. Daryl Inglet, DSN 240-2393) is addressing eventual migration from CAM to ICAM.

IMPROVED CASE:

A new carrying case assembly (NSN 6665-01-417-9307) is now available. The new case is slightly larger to accommodate additional accessories. This item is available, but is not free initial issue.

Case Assembly, Carrying

NSN: 6665-01-417-9307

Price: \$73.20

Accountability: Expendable

Source of Supply: A12

Shelf-life Code: 0

WEEKLY PMCS:

There is a Preventative Maintenance Checks and Services (PMCS) requirement to conduct a weekly self-test and full confidence test. These tests include operational running of the CAM for a continuous 30 minutes. (Reference T.O. 11H2-20-1 chg. 1, 2-18a) These tests ensure the clearing of moisture and any contaminants from the membrane and membrane heater elements. Overall

performance of the CAM is also improved.

During the confidence test and clear-down process, ensure the hazard level bars are cleared from the display for 5 minutes before shutdown. Should the CAM not clear-down within the 30-minute PMCS, it should be continuously run, for up to 72 hours, or until the CAM clears. Review the troubleshooting procedures, (T.O. chapter 3), before and during PMCS to address issues that may arise during the operational tests.

CAM DECONTAMINATION:

Standard decontamination of the CAM is accomplished with the M-291 Skin Decontaminating Kit (SDK). Nonstandard decontamination of the CAM is accomplished using a 5 percent bleach solution or hot soapy water. **The nozzle cap will be in place, covering the nozzle assembly, during decontamination.** Placement of the cap is important to protect the nozzle assembly from ingesting the carbon particles from the M-291 or decontamination solutions. If the existing nozzle cap is possibly

contaminated, replace it using the new sealed nozzle cap, stored in the carrying case assembly. **The M258A1 SDK should not be used to decontaminate the CAM.** This decontamination process will be added to T.O. 11H2-20-1.

DEPOT RETURNS:

The CAM instrument, with all its accessories, is one end item. When the CAM is returned to the depot for repair or replacement, it must be shipped with all designated CAM components or associated accessories, except the filter nozzle packages, and batteries. The Buzzer and the Battery Assembly, Training (BAT), now being issued, must also be included. To reduce the chance of contamination when the CAM is in operational use, the spare carrying harness and spare nozzle cap must remain sealed in their original packaging. Also, the spare battery normally carried on the carrying harness must remain in its plastic package until needed.

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